

LAB REPORT GRADING RUBRIC – 100 POINTS		
Style and Mechanics (15 points)	Points	Points Earned
Typed in 12-point font, double-spaced, with 1-1½ inch margins. Proper MLA header is used.	5	
Each of the 8 sections below is numbered and labeled in bold	5	
Grammatically correct and without spelling errors	5	
Experimental Product (15 points)		
Rough draft with Ms. J's feedback is stapled to the back	10	
A cup of dry salt with student name(s) clearly labeled is turned in with the lab report	5	
Scientific Content (70 points)		
1. Purpose <i>A simple statement of the purpose for the lab. You should give a broad overview so that someone who is unfamiliar with the subject matter will be able to understand why you did this experiment.</i>	2.5	
2. Hypothesis <i>Make an "if....then" statement. What is the effect of the independent variable on the dependent variable? Identify the IV and DV.</i>	5	
3. Materials <i>This can be a list. Name all the equipment you used to conduct the experiment.</i>	2.5	
4. Procedure / Method <i>This has to be detailed so that you know exactly the steps you are following and someone who was not there could follow them as "directions". This should be a numbered list of steps, but each step needs to be a complete sentence.</i>	5	
5. Results <i>The best way to report this is a data table. Always have a title for the table, label each column and row, and use the proper units for each measurement type. Record both qualitative (eyeball) as well as quantitative (number) data. Any unusual happenings during the experiment should also be noted.</i>	15	
6. Interpretation / Discussion <i>Create a bar graph to explain it in at least one paragraph. Make sure both axes are labeled and you title your graph.</i>	15	
7. Conclusion <i>Revisit the purpose of the lab. Summarize your "final answer" about what you predicted would happen versus what actually happened. Use your analysis to support your conclusion – this will be repetitive.</i>	15	
8. Extension <i>-Explain at least 3 possible sources of errors and/or improvements you could make .Rank these from biggest deal to least big deal. -Describe at least 2 new ideas you are curious about now that could lead to future studies. Be creative!</i>	10	

Student(s): _____ Final Grade: _____ / 100 points
Comments:

PRESENTATION GRADING SCALE – 75 points		
Style and Mechanics (20 points)	Points	Points Earned
Dress for success – be professional & in uniform	5	
Speak slowly and with clarity	2.5	
Stand tall & face your audience (the whole class, not just Ms. Johnson!!) and make eye contact. (Hint: you can look slightly above people's heads instead of making eye contact)	5	
Introduce each person and state his/her role	2.5	
Presentation lasted within the 3-5 minute range	5	
Communicate Scientific Content (30 points)		
State hypothesis	5	
State independent & dependent variables	5	
State controls	2.5	
Summarize procedure	2.5	
Present results & analysis	5	
State conclusion and use your graph to support it – <i>What's your evidence? Convince your audience that your data support your conclusion!</i>	10	
Visual Aids (15 points)		
Data table clearly shows measurements for 4+ days	5	
Bar graph looks like a good, final draft -Options: Poster, Overhead transparency or PowerPoint → Slides must be emailed to Ms. J by 8pm the night before!	5	
Cups of dry salt are shown and described	5	
Extension (10 points)		
Describe THREE things you/ your group would do differently if you could re-do the experiment	5	
Describe TWO new questions you have based upon what you learned from the experiment.	5	

Comments:

Grade: _____ / 75